

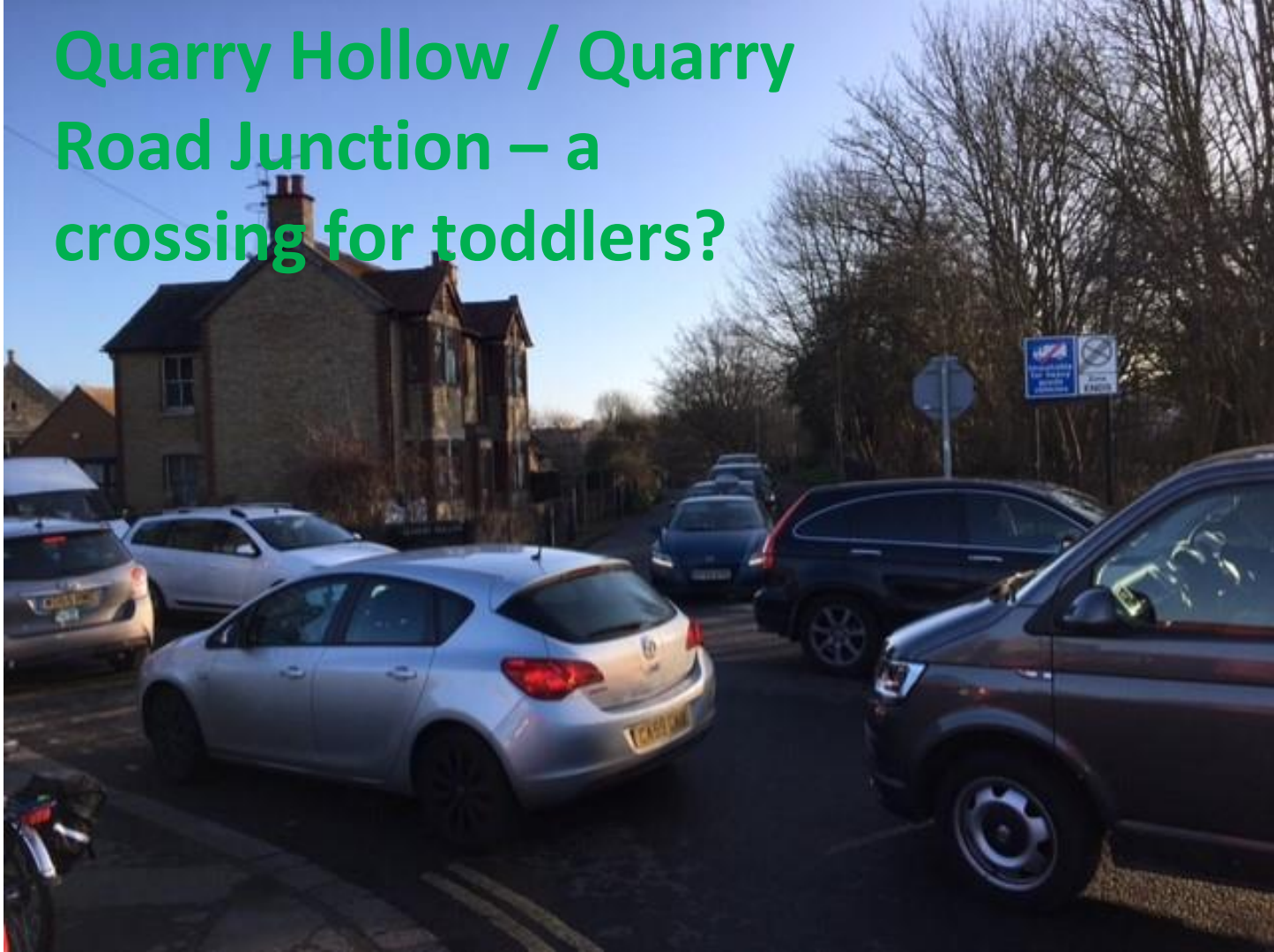
# Headington Liveable Streets





**Our vision is for community-led liveable streets across Headington, where active travel is made easy, playing out is safe, air quality is improved, neighbourhood connections thrive and rat-running is no longer an option.**

# Quarry Hollow / Quarry Road Junction – a crossing for toddlers?







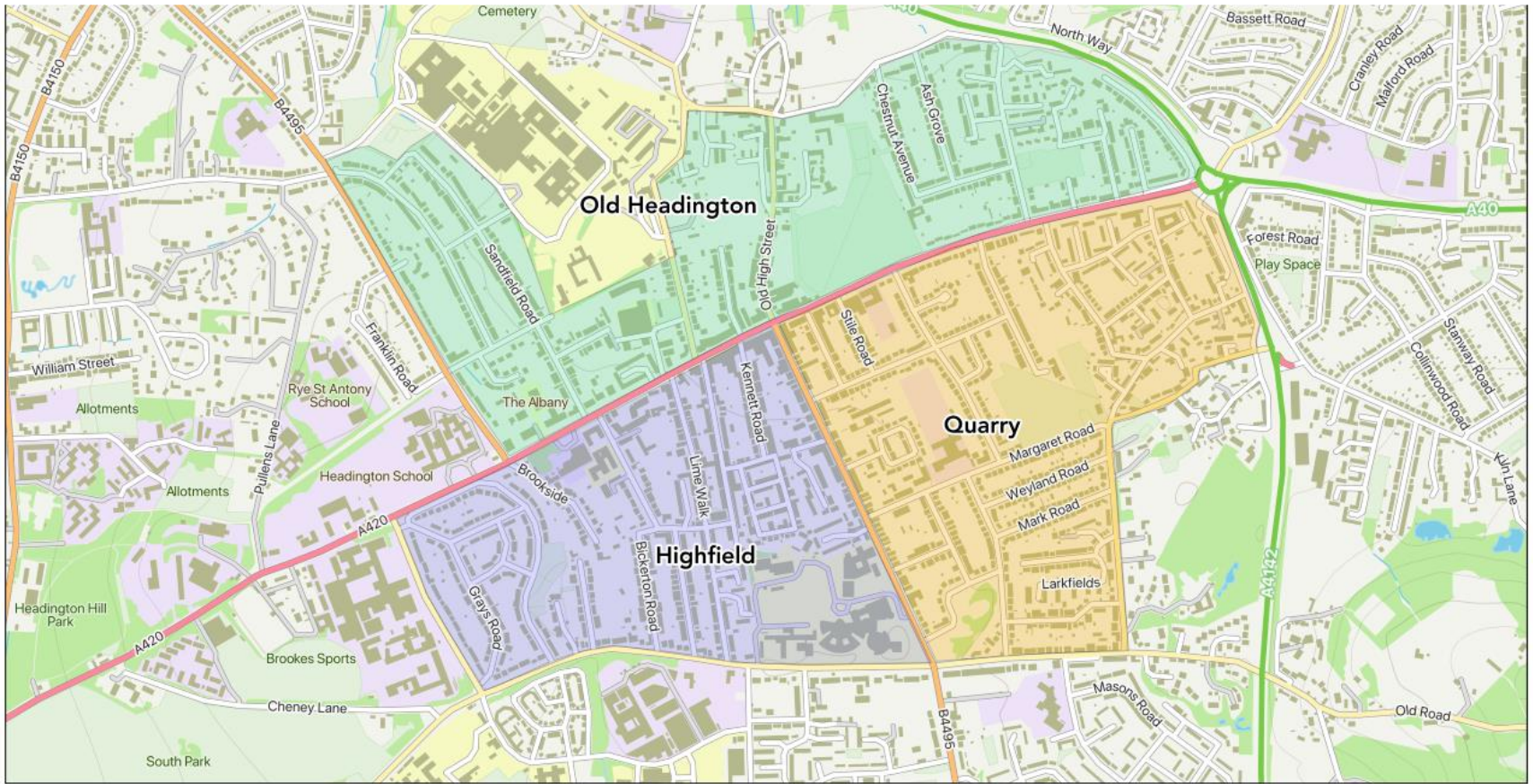
Low Traffic Neighbourhoods – the potential



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Infrastructure to support a switch to 'active travel'



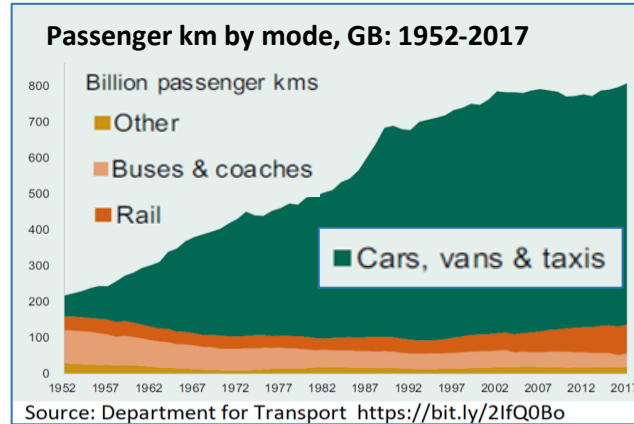


# High **hidden costs** of the status quo: we can't afford business as usual

Private motor vehicle use has increased tenfold since records began in 1952<sup>1</sup>, but this has come at a huge hidden cost to public health and society as a whole

## Public health-related costs

- **Physical inactivity** – **1 in 6 deaths** in the UK (equal to smoking); costs **£7.4bn a year**<sup>2</sup>
- Oxford continually **breaches European NO<sub>2</sub> limits**<sup>3</sup>; **276 deaths per year** from **particulate air pollution** in Oxfordshire<sup>4</sup>



- Av. **25 children** and **368 adults** **killed/seriously injured** on Oxfordshire roads every year from 2000-2016 (far worse than England average)<sup>5</sup>

## Costs of **congestion**

- Costs the UK an estimated **£13.1bn** annually – a major concern for businesses<sup>9</sup>

## Climate change

- Transport accounts for **45%** of greenhouse gas emissions in Oxfordshire (largest single source)<sup>12</sup>

# But change is well within our reach: **high-value benefits at relatively low cost**

The benefits of LTNs are supported by the evidence<sup>14</sup> – they increase life expectancy, reduce air pollution and lower collision rates, while promoting good mental health through greater social cohesion.

## **Public health-related savings and benefits**

- National evidence suggests swapping short motor vehicle trips for **active travel** could save **£17bn** in NHS costs<sup>15</sup>



## **Improved road safety**

- Waltham Forest Mini-Holland scheme reported **no collisions** in the 11 months after implementation, down from an average of 5 per year<sup>17</sup>

## **Excellent value for money**

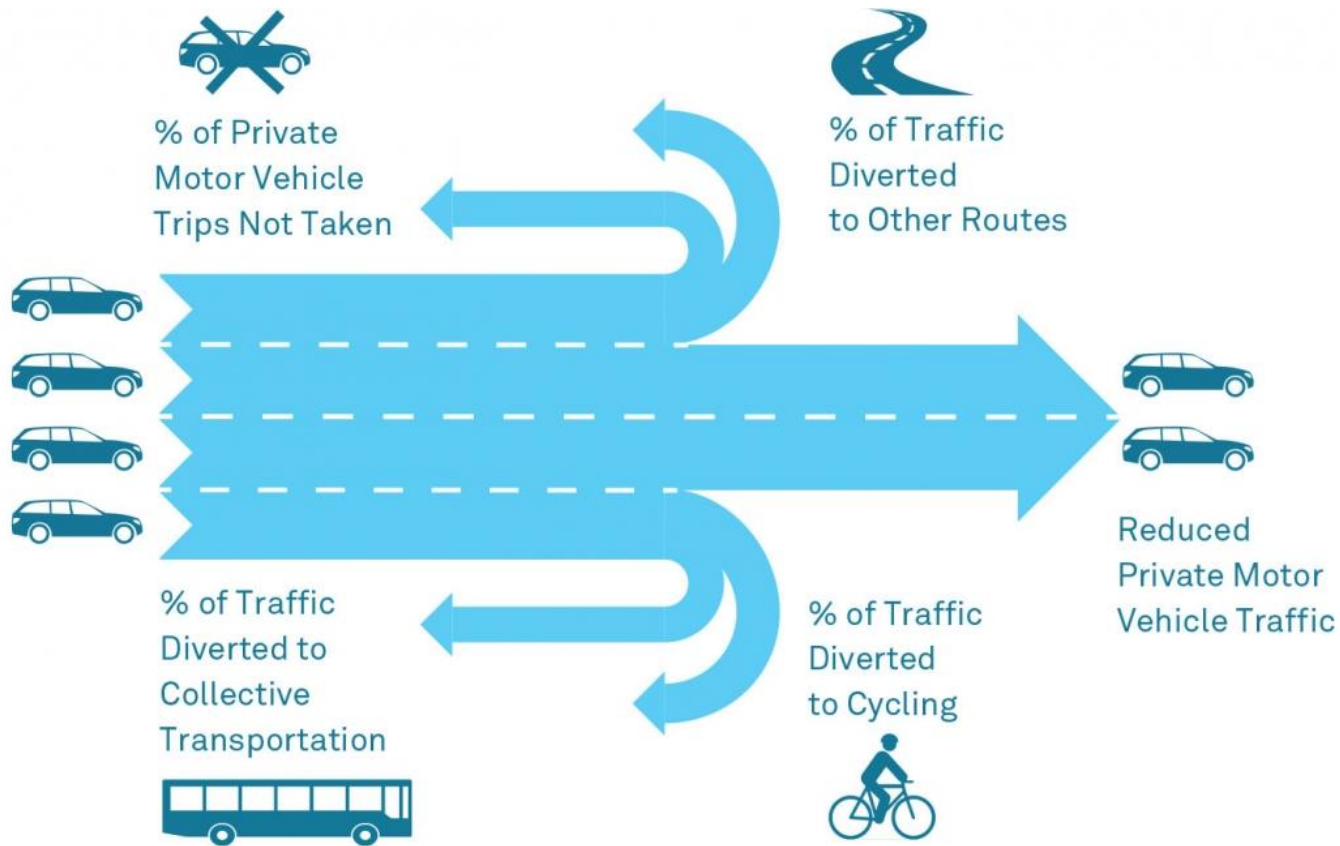
- Low infrastructure costs create ready-made **pedestrian and cycle-friendly networks** from people's front doors<sup>18</sup>
- Waltham Forest Mini-Holland recorded a **20% increase in cycling**<sup>19</sup>

## **Less congestion**

- Waltham Forest Mini-Holland reported a **50% reduction in traffic**<sup>20</sup>
- London Fire Brigade reported **no sustained degradation in attendance times** after implementation<sup>21</sup>

## **Reduced emissions**

- Forecasts suggest we could **reduce emissions** by almost **60%** by 2030 by taking positive actions across all sectors now<sup>23</sup>



**Traffic Evaporation.** Research shows that when road capacity is shifted to other modes, some peak-period traffic disappears from the network. Drivers shift to other modes, make trips at other times, or shift destinations.